

GENERAL NOTES:

1. THE CONTRACTOR SHALL NOTIFY NETWORK CARRIER OF ANY ERRORS, OMISSIONS, OR INCONSISTENCIES AS THEY MAY BE DISCOVERED IN PLANS, DOCUMENTS, NOTES, OR SPECIFICATIONS, PRIOR TO STARTING CONSTRUCTION INCLUDING, BUT NOT LIMITED BY, DEMOLITION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CORRECTING ANY ERROR, OMISSION, OR INCONSISTENCY AFTER THE START OF CONSTRUCTION WHICH HAS NOT BEEN BROUGHT TO THE ATTENTION OF NETWORK CARRIER CONSTRUCTION PROJECT MANAGER AND SHALL INCUR ANY EXPENSES TO RECTIFY THE SITUATION. THE MEANS OF CORRECTING ANY ERROR SHALL FIRST BE APPROVED BY NETWORK CARRIER CONSTRUCTION PROJECT MANAGER.
2. PRIOR TO THE SUBMISSION OF BIDS, CONTRACTORS INVOLVED SHALL VISIT THE JOB SITE TO FAMILIARIZE THEMSELVES WITH ALL CONDITIONS AFFECTING THE PROPOSED PROJECT. CONTRACTORS PRIOR TO THE COMMENCEMENT OF CONSTRUCTION AND THE CONTRACTOR HAVING BEEN AWARDED THIS PROJECT SHALL VISIT THE CONSTRUCTION SITE WITH THE CONSTRUCTION/CONTRACT DOCUMENTS TO VERIFY FIELD CONDITIONS AND CONFIRM THAT THE PROJECT WILL BE ACCOMPLISHED AS SHOWN. PRIOR TO PROCEEDING WITH CONSTRUCTION, ANY ERRORS, OMISSIONS, OR DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT/ENGINEER VERBALLY AND IN WRITING.
3. THE ARCHITECTS/ENGINEERS HAVE MADE EVERY EFFORT TO SET FORTH IN THE CONSTRUCTION AND CONTRACT DOCUMENTS THE COMPLETE SCOPE OF WORK. CONTRACTORS BIDDING THE JOB ARE NEVERTHELESS CAUTIONED THAT MINOR OMISSIONS OR ERRORS IN THE DRAWINGS AND OR SPECIFICATIONS SHALL NOT EXCUSE SAID CONTRACTOR FROM COMPLETING THE PROJECT AND IMPROVEMENTS IN ACCORDANCE WITH THE NETWORK CARRIER PROJECT SCOPE AND THE INTENT OF THESE DOCUMENTS. THE BIDDER SHALL BEAR THE RESPONSIBILITY OF NOTIFYING (IN WRITING) THE ARCHITECT/ENGINEER OF ANY CONFLICTS, ERRORS, OR OMISSIONS PRIOR TO SUBMISSION OF CONTRACTOR'S PROPOSAL. IN THE EVENT OF DISCREPANCIES THE CONTRACTOR SHALL PRICE THE MORE COSTLY OR EXTENSIVE WORK, UNLESS DIRECTED OTHERWISE.
4. 11x17 COPIES OF DRAWINGS ARE NOT TO BE SCALED DUE TO DISTORTIONS RESULTING FROM MULTIPLE REPROGRAPHIC COPIES. WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALES SHOWN ON PLANS.
5. OWNER, CONTRACTOR, AND NETWORK CARRIER REPRESENTATIVE SHALL REVIEW AND CONFIRM THAT PROJECT SCOPE, DESIGN INTENT AND UTILITY COORDINATION ITEMS ARE INCLUDED IN THE DRAWINGS AND SPECIFICATIONS PRIOR TO THE START OF CONSTRUCTION.
6. THE GENERAL CONTRACTOR SHALL RECEIVE WRITTEN AUTHORIZATION FROM NETWORK CARRIER REPRESENTATIVE TO PROCEED WITH CONSTRUCTION PRIOR TO STARTING WORK ON ANY ITEM NOT CLEARLY DEFINED BY THE CONSTRUCTION DRAWINGS/CONTRACT DOCUMENTS.
7. THE CONTRACTOR SHALL PERFORM WORK DURING OWNER'S PREFERRED HOURS TO AVOID DISTURBING NORMAL BUSINESS OR TENANTS.
8. THE CONTRACTOR SHALL PROVIDE NETWORK CARRIER PROPER INSURANCE CERTIFICATES NAMING NETWORK CARRIER AS ADDITIONAL INSURED, AND PROVIDE NETWORK CARRIER PROOF OF LICENSE(S) INCLUDING PE & PD INSURANCE.
9. THE CONTRACTOR SHALL SUPERVISE AND DIRECT THE PROJECT DESCRIBED IN THE CONTRACT DOCUMENTS. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, AND PROCEDURES FOR COORDINATING ALL PORTIONS OF THE WORK UNDER THE CONTRACT.
10. THE CONTRACTOR SHALL INSTALL ALL EQUIPMENT AND MATERIALS ACCORDING TO MANUFACTURER'S/VENDOR'S SPECIFICATIONS UNLESS NOTED OTHERWISE OR WHERE LOCAL CODES OR ORDINANCES TAKE PRECEDENCE.
11. ALL WORK PERFORMED ON THE PROJECT ALONG WITH ALL MATERIALS INSTALLED, SHALL COMPLY IN STRICT ACCORDANCE WITH ALL APPLICABLE CODES, REGULATIONS, AND ORDINANCES. CONTRACTOR SHALL LIKEWISE ISSUE NOTICE TO ALL SUB-CONTRACTORS THAT THEY SHALL COMPLY WITH ALL LAWS, ORDINANCES, RULES, REGULATIONS AND LAWFUL ORDERS OF ANY PUBLIC AUTHORITY, MUNICIPALITY, UTILITY COMPANY AND LOCAL/STATE JURISDICTIONAL CODES BEARING ON THE PERFORMANCE OF THE WORK.
12. A COPY OF THE GOVERNING AGENCY ISSUED AND APPROVED PLANS SHALL BE KEPT IN A PLACE SPECIFIED BY THE GOVERNING AGENCY, AND BY LAW, SHALL BE AVAILABLE AT THE JOB SITE FOR INSPECTION AT ALL TIMES. THE ORIGINAL PERMIT SET PLANS ARE NOT TO BE USED BY THE WORKMEN. ALL CONSTRUCTION SETS SHALL REFLECT THE SAME INFORMATION AS GOVERNING AGENCY APPROVED PLANS. THE CONTRACTOR SHALL ALSO MAINTAIN ONE SET OF PLANS, IN GOOD CONDITION, COMPLETE WITH ALL REVISIONS, ADDENDA, AND CHANGE ORDERS ON THE PREMISES AT ALL TIMES UNDER THE DIRECT CARE OF THE SUPERINTENDENT. THE CONTRACTOR SHALL SUPPLY THE NETWORK CARRIER CONSTRUCTION PROJECT MANAGER WITH A COPY OF ALL REVISIONS, ADDENDA, AND/OR CHANGE ORDERS AT THE CONCLUSION OF THE WORK AS A PART OF THE AS-BUILT DRAWING RECORDS.
13. THE STRUCTURAL COMPONENTS OF ADJACENT CONSTRUCTION OR FACILITIES ARE NOT TO BE ALTERED BY THIS CONSTRUCTION PROJECT UNLESS NOTED OTHERWISE.
14. THE CONTRACTOR SHALL STUDY THE STRUCTURAL, ELECTRICAL, MECHANICAL, AND PLUMBING PLANS AND CROSS CHECK THEIR DETAILS, NOTES, DIMENSIONS, AND ALL REQUIREMENTS PRIOR TO THE START OF ANY WORK.
15. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COMPLETE SECURITY OF THE JOB SITE WHILE WORK IS IN PROGRESS UNTIL THE JOB IS COMPLETE.
16. THE CONTRACTOR HAS THE RESPONSIBILITY OF LOCATING ALL EXISTING UTILITIES SHOWN OR NOT SHOWN ON THE PLANS, ALONG WITH PROTECTING THEM FROM DAMAGE. THE CONTRACTOR AND SUBCONTRACTOR SHALL BEAR THE EXPENSES OF REPAIR AND/OR REPLACEMENT OF UTILITIES OR OTHER PROPERTY DAMAGE RESULTING FROM OPERATIONS IN CONJUNCTION WITH THE EXECUTION OF THE WORK.
17. ALL EXISTING CONSTRUCTION, EQUIPMENT, AND FINISHES NOTED TO BE REMOVED SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND WILL BE REMOVED FROM THE SITE WITH THE FOLLOWING EXCEPTIONS:
A. PROPERTY NOTED TO BE RETURNED TO THE OWNER.
B. PROPERTY NOTED TO BE REMOVED BY THE OWNER.
19. THE GOVERNING AGENCIES, CODE AUTHORITIES, AND BUILDING INSPECTORS SHALL PROVIDE MINIMUM STANDARDS FOR CONSTRUCTION TECHNIQUES, MATERIALS, AND FINISHES USED THROUGHOUT THE PROJECT. TRADE STANDARDS AND/OR PUBLISHED MANUFACTURERS SPECIFICATIONS MEETING OR EXCEEDING DESIGN REQUIREMENTS SHALL BE USED FOR INSTALLATION.
20. WHEN ROOF TOP OR TOP FLOOR DECK TEMPORARY STAGING OF IS REQUIRED, MATERIALS SHALL BE EVENLY DISTRIBUTED OVER ROUGH FRAMED FLOORS OR ROOFS SO AS NOT TO EXCEED THE DESIGNED LIVE LOADS FOR THE STRUCTURE. TEMPORARY SHORING AND/OR BRACING IS TO BE PROVIDED WHERE THE STRUCTURE DOESN'T HAVE THE DESIGN STRENGTH FOR ADDITIONAL LOADING.
21. SEAL ALL PENETRATIONS WITHIN FIRE-RATED AREAS WITH U.L. LISTED OR FIRE MARSHALL APPROVED MATERIALS IF APPLICABLE TO THE SUBJECT FACILITY AND OR PROJECT SITE.
22. BUILDING INSPECTORS AND/OR OTHER BUILDING OFFICIALS ARE TO BE NOTIFIED PRIOR TO ANY GROUND DISTURBANCE, CONSTRUCTION, AND ANY OTHER PROJECT EFFORT AS MANDATED BY THE GOVERNING AGENCY.
23. CONTRACTOR TO PROVIDE A PORTABLE FIRE EXTINGUISHER WITH A RATING OF NOT LESS THAN 2-A OR 2-A10BC WITHIN 75 FEET TRAVEL DISTANCE TO ALL PORTIONS OF PROJECT AREA DURING CONSTRUCTION.
24. CONTRACTOR SHALL MAKE NECESSARY PROVISIONS TO PROTECT EXISTING IMPROVEMENTS, EASEMENTS, PAVING, CURBING, DURING CONSTRUCTION, UPON COMPLETION OF WORK, CONTRACTOR SHALL REPAIR ANY DAMAGE THAT MAY HAVE OCCURRED DUE TO CONSTRUCTION ON OR ADJACENT TO THE PROPERTY.
25. CONTRACTOR SHALL KEEP GENERAL WORK AREA CLEAN AND HAZARD FREE DURING CONSTRUCTION DISPOSING OF ALL DIRT, DEBRIS, AND RUBBISH. CONTRACTOR SHALL REMOVE EQUIPMENT NOT SPECIFIED AS REMAINING ON THE PROPERTY OR PREMISES. SITE SHALL BE LEFT IN CLEAN CONDITION AND FREE FROM PAINT SPOTS, DUST, OR SMUDGES OF ANY NATURE.
26. NEW CONSTRUCTION INSTALLED ADJACENT EXISTING BUILDINGS OR CONSTRUCTION SHALL ARCHITECTURALLY MATCH THE EXISTING IN TERMS OF COLOR, TEXTURE, FINISH MATERIALS, ETC., EXCEPT AS NOTED IN THE PLANS AND SPECIFICATIONS.
27. THE CONTRACTOR SHALL PROVIDE ALL NECESSARY BACKING, BLOCKING, AND/OR OTHER ANCHORAGE DEVICES REQUIRED FOR THE INSTALLATION OF FIXTURES, MECHANICAL EQUIPMENT, PLUMBING, HARDWARE, AND FINISH ITEMS TO INSURE A PROPER AND CODE COMPLIANT INSTALLATION.
28. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING INSTALLATIONS THAT ARE CONSTRUCTED LEVEL, ERECT, EVENLY ALIGNED, PLUMB AND TRUE BASED ON THE CONSTRUCTION DRAWINGS. THE CONTRACTOR SHALL COMPARE EXISTING CONDITIONS WITH THE PROPOSED DESIGN PRIOR TO CONSTRUCTION AND REPORT ANY DISCREPANCIES OR INCONSISTENCIES TO THE NETWORK CARRIER'S REPRESENTATIVE AND FURTHER TO THE A/E SUCH THAT THE NEW INSTALLATION WILL LIKEWISE BE LEVEL, ERECT, EVENLY ALIGNED, PLUMB AND TRUE. NETWORK CARRIER SHALL BE NOTIFIED OF ANY ERRORS, OMISSIONS, OR INCONSISTENCIES PRIOR TO ANY CONSTRUCTION.
29. THE CONTRACTOR IS TO PROVIDE PROTECTION FOR ADJOINING PROPERTIES FROM PHYSICAL HARM, NOISE, DUST, DIRT, AND FIRE AS REQUIRED BY THE GOVERNING AGENCIES.
30. WHERE SPECIFIED, MATERIALS TESTING SHALL BE TO THE LATEST STANDARDS AND/OR REVISIONS AVAILABLE AS REQUIRED BY THE GOVERNING AGENCY RESPONSIBLE FOR RECORDING THE RESULTS.
31. THE CONTRACTOR IS RESPONSIBLE FOR THE STORAGE OF ALL MATERIALS AND SHALL NOT STORE OR STAGE MATERIALS ON PUBLIC PROPERTY WITHOUT A PERMIT TO DO SO FROM THE GOVERNING AGENCIES FOR THIS PURPOSE.
32. GENERAL NOTES AND STANDARD DETAILS ARE THE MINIMUM REQUIREMENTS TO BE USED IN ALL CONDITIONS UNLESS ILLUSTRATED AND NOTED OTHERWISE.
33. TRADES INVOLVED IN THE PROJECT SHALL BE RESPONSIBLE FOR THEIR OWN CUTTING, FITTING, PATCHING, ETC., SO AS TO BE PREPARED PROPERLY BY THE WORK OF OTHER TRADES.
34. ALL DEBRIS AND REFUSE SHALL BE REMOVED FROM THE PROJECT PREMISES AND LEFT IN A CLEAN SWEEP CONDITION AT ALL TIMES BY EACH TRADE AS THEY PERFORM THEIR OWN PORTION OF THE WORK.
35. NETWORK CARRIER DOES NOT GUARANTEE ANY PRODUCTS, FIXTURES, AND/OR ANY EQUIPMENT NAMED BY A TRADE OR MANUFACTURER. GUARANTEE OR WARRANTY THAT MAY BE IN EFFECT IS DONE THROUGH THE COMPANY OR MANUFACTURER PROVIDING THE PRODUCT, FIXTURE, AND/OR EQUIPMENT UNLESS SPECIFIC RESPONSIBILITY IS ALSO PROVIDED BY THE CONTRACTOR/SUBCONTRACTOR IN WRITTEN FORM.
36. CAUTION! CALL BEFORE YOU DIG! BURIED UTILITIES EXIST IN THE AREA AND UTILITY INFORMATION SHOWN MAY NOT BE COMPLETE. CONTACT THE ONE-CALL UTILITY LOCATE SERVICE A MINIMUM OF 48 HOURS PRIOR TO CONSTRUCTION.
37. WHEN APPLICABLE, CONTRACTOR IS RESPONSIBLE TO CALL, COORDINATE AND MAKE ARRANGEMENTS FOR R.O.W. AND/OR PRIVATE PROPERTY LOCATES BASED ON SPECIFIC SITE REQUIREMENTS.
38. SEE CIVIL DRAWINGS FOR ADDITIONAL SITE INFORMATION.
39. CONTRACTORS TO DOCUMENT ALL WORK PERFORMED WITH PHOTOGRAPHS AND SUBMIT TO NETWORK CARRIER'S REPRESENTATIVE ALONG WITH REDLINED CONSTRUCTION SET.
40. CONTRACTOR SHALL DOCUMENT ALL CHANGES MADE IN THE FIELD BY MARKING UP (REDLINING) THE APPROVED CONSTRUCTION SET AND SUBMITTING THE REDLINED ALONG WITH PHOTOGRAPHS PER NETWORK CARRIER REQUIREMENTS.
41. GENERAL CONTRACTOR SHALL COORDINATE AND SEEK APPROVAL OF ALL POWER DRAW, INSTALLATION AND/OR MODIFICATIONS WITH POWER COMPANY, OWNER AND JURISDICTION AS REQUIRED. CONTRACTOR SHALL REPORT POWER INSTALLATION SOLUTION(S) TO NETWORK CARRIER REPRESENTATIVE, PROJECT CONSTRUCTION MANAGER AND ARCHITECT.
42. ANY SUBSTITUTIONS OF MATERIALS AND/OR EQUIPMENT, MUST BE APPROVED BY NETWORK CARRIER CONSTRUCTION MANAGER.
43. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR AND SHALL REMEDY ALL FAULTY, INFERIOR, AND/OR IMPROPER MATERIALS, DAMAGED GOODS, AND/OR FAULTY WORKMANSHIP FOR ONE (1) YEAR AFTER THE PROJECT IS COMPLETE ACCEPTING UNDER THIS CONTRACT BETWEEN THE OWNER AND THE CONTRACTOR. EXCEPTION: THE ROOFING SUBCONTRACTOR SHALL FURNISH A MAINTENANCE AGREEMENT FOR ALL WORK DONE, COSIGNED BY THE GENERAL CONTRACTOR, TO MAINTAIN THE ROOFING IN A WATERTIGHT CONDITION FOR A PERIOD OF TWO (2) YEARS STARTING AFTER THE DATE OF SUBSTANTIAL COMPLETION OF THE PROJECT, UNLESS OTHERWISE WRITTEN IN THE CONTRACT BETWEEN THE OWNER AND THE CONTRACTOR.
44. THE CONTRACTOR SHALL PROVIDE ADEQUATE PROTECTION FOR THE SAFETY OF THE OWNER'S EMPLOYEES, WORKMEN, AND ALL TIMES DURING THE CONSTRUCTION OF THE PROJECT.
45. THE CONTRACTOR SHALL BE REQUIRED TO PAY FOR ALL NECESSARY PERMITS AND/OR FEES WITH RESPECT TO THE WORK TO COMPLETE THE PROJECT. BUILDING PERMIT APPLICATIONS SHALL BE FILED BY THE OWNER OR HIS REPRESENTATIVE. CONTRACTOR SHALL OBTAIN PERMIT (UNLESS OTHER ARRANGEMENTS HAVE BEEN MADE) AND MAKE FINAL PAYMENT FOR SAID DOCUMENT(S).
46. NETWORK CARRIER'S REPRESENTATIVE SHALL REVIEW AND APPROVE SHOP DRAWINGS AND SAMPLES FOR CONFORMANCE WITH DESIGN CONCEPT. NETWORK CARRIER'S REPRESENTATIVE PROJECT APPROVAL OF A SEPARATE ITEM SHALL NOT INCLUDE APPROVAL OF AN ASSEMBLY IN WHICH THE ITEM FUNCTIONS.
47. ALL ANTENNAS MOUNTED ON ROOF SUPPORT FRAMES TO BE PROVIDED BY NETWORK CARRIER.
48. CONTRACTOR SHALL PROVIDE HEAVY STEEL PLATES AT OPEN TRENCHES FOR SAFETY AND TO PROTECT EXISTING GROUND SURFACES FROM HEAVY EQUIPMENT UTILIZED DURING CONSTRUCTION.
49. CONTRACTOR SHALL PATCH AND REPAIR ALL GROUND SURFACES WITHIN THE CONSTRUCTION AREA AS NECESSARY TO PROVIDE A UNIFORM SURFACE AND MAINTAIN EXISTING SURFACE DRAINAGE SLOPES.
50. CONTRACTOR SHALL REPLACE EXISTING LANDSCAPE VEGETATION DAMAGED DUE TO CONSTRUCTION ACTIVITIES, AND REPAIR, RESTORE AND MODIFY EXISTING IRRIGATION LINES IF NECESSARY TO OPERATING CONDITION, PROVIDING FULL COVERAGE TO IMPACTED AREAS.
51. IN THE CASE OF ROOFTOP SOLUTIONS FOR EQUIPMENT AND/OR ANTENNA FRAMES WHERE PENETRATION OF EXISTING ROOFING MATERIALS OCCUR, GENERAL CONTRACTOR SHALL COORDINATE WITH BUILDING OWNER TO OBTAIN CONTACT INFORMATION AND UTILIZE THE EXISTING ROOFING CONTRACTOR OF RECORD FOR INSTALLATION, PATCH, REPAIR OR ANY AUGMENTATION TO THE ROOF, AND HAVING THE WORK GUARANTEED UNDER THE ROOFING CONTRACTOR'S EXISTING WARRANTY ENSURING 100% MOISTURE PROTECTION.
52. IN THE CASE OF ROOFTOP SOLUTIONS WITH THE INSTALLATION OF ANTENNAS WITHIN CONCEALED (SHROUDED) SUPPORT FRAMES OR TRIPODS, GENERAL CONTRACTOR SHALL COORDINATE WITH THE FRP DESIGNER/FABRICATOR TO ENSURE THAT THE FINAL FRP SHROUD IS SIMULATING (IN APPEARANCE) EXISTING EXTERIOR BUILDING FACADE MATERIALS, TEXTURES, AND COLORS. THE CONTRACTOR SHALL FURTHERMORE ENSURE THE USE OF COUNTERSUNK OR FLATHEAD FASTENERS IN ALL FRP CONSTRUCTION. WHEN PHOTOSIMULATIONS ARE PROVIDED, THE CONTRACTOR SHALL ENSURE THAT FINAL CONSTRUCTION REPRESENTS WHAT IS INDICATED IN PHOTOSIMULATION SHOP DRAWINGS SHALL BE PROVIDED TO THE GENERAL CONTRACTOR, CONSTRUCTION COORDINATOR, AND ARCHITECT PRIOR TO FABRICATION AND CONSTRUCTION.
53. IN THE CASE OF ROOFTOP SOLUTIONS FOR EQUIPMENT AND/OR ANTENNA FRAMES WHERE ANCHORING TO AN EXISTING CONCRETE ROOF SLAB IS REQUIRED, CONTRACTORS SHALL CONFIRM (PRIOR TO SUBMITTING BID) WITH CONSULTING CONSTRUCTION COORDINATOR AND ARCHITECT THE PRESENCE OF POST TENSION TENDONS WITHIN THE ROOF SLAB RESULTING FROM AN UNDOCUMENTED DESIGN CHANGE IN THE EXISTING BUILDING "AS-BUILT DRAWING SET" HAVING INDICATED AN ORIGINAL DESIGN SOLUTION OF REINFORCED CONCRETE W/ EMBEDDED STEEL REBAR. IN THE EVENT POST TENSION SLAB SOLUTION IS PRESENT, CONTRACTOR SHALL INCLUDE PROVISIONS FOR X-RAY PROCEDURES (INCLUDED IN BID) FOR ALL PENETRATION AREAS WHERE ANCHORING OCCURS.
54. GENERAL & SUB CONTRACTORS SHALL USE STAINLESS STEEL METAL LOCKING TIES FOR ALL CABLING TIE DOWNS AND ALL OTHER GENERAL TIE DOWNS (WHERE APPLICABLE). PLASTIC ZIP TIES SHALL NOT BE PERMITTED FOR USE ON TOWER NETWORK CARRIER PROJECTS. RECOMMENDED MANUFACTURE SHALL BE: PANDUIT CORP. METAL LOCKING TIES MODEL NO. MLT4S-CP UNDER SERIES-304 (OR EQUAL), PANDUIT PRODUCT DISTRIBUTED BY TRIARC.
55. GENERAL CONTRACTOR SHALL OBTAIN, REVIEW AND EXECUTE ALL NETWORK CARRIER CONSTRUCTION STANDARDS (MOST RECENT REVISION) AS A PART OF THIS BID AND CONSTRUCTION PROJECT.
56. GENERAL CONTRACTOR SHALL OBTAIN, REVIEW AND EXECUTE ALL NETWORK CARRIER CONSTRUCTION STANDARDS (MOST RECENT REVISION) AS A PART OF THIS BID AND CONSTRUCTION PROJECT.
57. CONTRACTOR SHALL BE RESPONSIBLE TO SET ELECTRONIC TILTS FOR NEWLY INSTALLED ANTENNAS UNDER THE CONDITION THAT THE GC OBTAIN THE MOST RECENT COPY OF THE RF TILT INFORMATION SUCH THAT THE ACCURATE CONTROLLER CAN BE ORDERED AND INSTALLED.
58. A STRUCTURAL ANALYSIS SHALL BE COMPLETED AND SUBMITTED TO THE NETWORK CARRIER REPRESENTATIVE AND GC DEMONSTRATING CAPACITY AT THE EXACT LOCATION OF EXISTING CONDITIONS TO SUSTAIN ADDITIONAL HEAVY BATTERY CABINETS OR OTHER OUT OF SCOPE EQUIPMENT.
59. THE GC SHALL PROVIDE MATERIALS LIST (BOM) TO THE NETWORK CARRIER REPRESENTATIVE PRIOR TO CONSTRUCTION.

CALIFORNIA SPECIFIC CODE COMPLIANCE NOTES:

1. WHEN COMPLETED, THE SUBJECT PROJECT SHALL COMPLY WITH LOCAL SECURITY CODES.
2. WHEN COMPLETED, THE SUBJECT PROJECT SHALL COMPLY WITH THE CALIFORNIA ENERGY CODE TITLE-24 ENERGY CONSERVATION REQUIREMENTS.
3. WHEN GLASS OR GLAZING REPLACEMENT IS A PART OF THE SCOPE OF THE PROJECT, GLASS AND GLAZING SHALL COMPLY WITH CHAPTER 54 OF THE U.S. CONSUMER SAFETY COMMISSION WITH SAFETY STANDARDS FOR ARCHITECTURAL GLAZING MATERIALS BEING COMPLY WITH PER (42 FR 1428; CFR PART 1201 & LOCAL SECURITY REQUIREMENTS).

SYMBOLS:

- (X) GRID REFERENCE
- (X/X-X) DETAIL REFERENCE
- (X/X-X) ELEVATION REFERENCE
- (X/X-X) SECTION REFERENCE
- CENTERLINE
- PROPERTY/LEASE LINE
- MATCH LINE
- WORK POINT
- GROUND CONDUCTOR
- T --- TELEPHONE CONDUIT
- E --- ELECTRICAL CONDUIT
- A --- COAXIAL CABLE
- O/H --- OVERHEAD SERVICE CONDUCTORS
- GROUT OR PLASTER
- (E) BRICK
- (E) MASONRY
- CONCRETE
- EARTH
- GRAVEL
- PLYWOOD
- SAND
- WOOD CONTINUOUS
- WOOD BLOCKING
- STEEL
- (N) NEW
- (E) EXISTING
- NEW ANTENNA
- EXISTING ANTENNA
- GROUND ROD
- GROUND BUS BAR
- MECHANICAL GRND. CONN.
- CADWELD
- GROUND ACCESS WELL
- ELECTRIC BOX
- TELEPHONE BOX
- LIGHT POLE
- FND. MONUMENT
- SPOT ELEVATION
- SET POINT

THE *Alpine* DESIGN REVIEW BOARD:

- ☐ RECOMMENDS DENIAL OF SITE PLAN
- ☒ RECOMMENDS APPROVAL OF SITE PLAN
- ☐ RECOMMENDS APPROVAL WITH CONDITIONS AS NOTED ON DRAWINGS

Chair

Date

Sprint

Alcatel-Lucent

PTS
PACIFIC TELECOM SERVICES, LLC
3199C AIRPORT LOOP DRIVE
COSTA MESA, CA 92626
PHONE: (714) 230-5714

PROJECT INFORMATION:

NETWORK VISION MMBIS LAUNCH

ALPINE VFW POST (IOB)

SD34XC574

844 TAVERN RD.
ALPINE, CA 91901
SAN DIEGO COUNTY

ISSUE DATE:

09/27/12

ISSUED FOR:

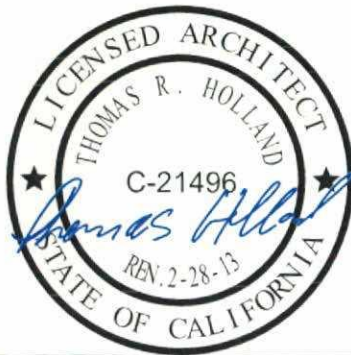
100% CONSTRUCTION

REVISIONS

REV.	DATE	DESCRIPTION	INITIALS
A	04/03/12	ISSUED FOR 90% CD REVIEW	CD
B	07/16/12	ISSUED FOR FINAL 90% CD REVIEW	RLD
D	09/27/12	ISSUED FOR 100% CONSTRUCTION	RLD

NOT FOR CONSTRUCTION UNLESS
LABELED AS CONSTRUCTION SET

LICENSEURE:



SHEET TITLE:

GENERAL NOTES & SYMBOLS

SHEET NUMBER:

G-1

REVISION:

0

BATTERY INFORMATION /NOTES:

BATTERY MFG.: EAST PENN MANUFACTURING
MODEL No.: 12AVR-145L
ELECTROLYTE CONTENT PER BATTERY: 2.17 GALLONS
ELECTROLYTE HAZARD CLASSIFICATION PER '07 C.F.C. (8.7% SULFURIC ACID): CORROSIVE
No. OF BATTERIES TO BE INSTALLED: 20 MAX.
TOTAL ELECTROLYTE CONTAINED ON SITE (2.17 x 20 = 43.4): 43.4 GALLONS MAX.

FIRE DEPARTMENT NOTES:

A. FIRE DEPARTMENT FINAL INSPECTION REQUIRED. SCHEDULE INSPECTION 2 DAYS IN ADVANCE.

B. A CFC PERMIT TO OPERATE BATTERY SYSTEMS WITH STATIONARY LEAD-ACID BATTERIES IS NOT REQUIRED FOR THE QUANTITIES ON SITE.

C. A CFC PERMIT MAY BE REQUIRED FOR THE HAZARDOUS MATERIALS ON SITE.

D. A HAZARDOUS MATERIALS IDENTIFICATION SIGN IS REQUIRED FOR ALL ENTRANCES INTO BATTERY STORAGE AREAS. LETTERS MUST BE AT LEAST 1" IN HEIGHT AND IN A COLOR WHICH CONTRASTS TO THE BACKGROUND OF THE SIGN AND LIST THE FOLLOWING:

CLASS 1 WATER REACTIVE LIQUID
TOXIC LIQUID
CORROSIVE LIQUID
OTHER HEALTH HAZARD LIQUID

E. AN APPROVED METHOD TO NEUTRALIZE SPILLED ELECTROLYTE SHALL BE PROVIDED IN THE BATTERY ROOM.

F. BATTERIES SHALL BE PROVIDED WITH SAFETY VENTING CAPS.

G. LOCATIONS AND CLASSIFICATIONS OF EXTINGUISHERS SHALL BE IN ACCORDANCE WITH THE 2010 CFC AND PLACEMENT IS SUBJECT TO APPROVAL OF THE FIRE INSPECTOR.

H. STORAGE, DISPENSING OR USE OF ANY FLAMMABLE AND COMBUSTIBLE LIQUIDS, FLAMMABLE AND COMPRESSED GASES, AND OTHER HAZARDOUS MATERIALS SHALL COMPLY WITH 2010 CFC REGULATIONS.

I. EXIST DOORS SHALL BE ABLE TO OPEN FROM THE INSIDE WITHOUT THE USE OF KEY OR ANY SPECIAL KNOWLEDGE OR EFFORT.

J. ADDRESS NUMBERS SHALL BE A MINIMUM 6 INCHES HIGH AND PLAINLY VISIBLE FROM ROADWAY BUILDING IS ADDRESSED ON.

K. REQUIRED SIGNAGE SHALL INCLUDE LETTERING HEIGHT OF AT LEAST ONE INCH, IN A COLOR THAT CONTRASTS TO THE SIGN BACKGROUND, AND SHALL BE PROMINENTLY DISPLAYED.

L. REQUIRED SIGNAGE SHALL INCLUDE, BUT MAY NOT BE LIMITED TO, APPLICABLE TYPES FROM EXAMPLES SHOWN HEREIN (SEE SIGNAGE).

STATIONARY STORAGE BATTERY SYSTEMS CODE COMPLIANCE:

APPLICABLE CODES:
2010 CFC & 2010 CBC

A. STATIONARY STORAGE BATTERY SYSTEMS HAVING A LIQUID ELECTROLYTE CAPACITY OF LESS THAN 50 GALLONS, OR A LITHIUM-ION CAPACITY OF 1,000 POUNDS USED FOR FACILITY STANDBY POWER, EMERGENCY POWER OR UNINTERRUPTED POWER SUPPLIES, ARE EXEMPT FROM CONDITIONS OUTLINED PER SEPARATION AND/OR PROTECTION UNDER INCIDENTAL ACCESSORY OCCUPANCIES TABLE 508.2.5 2010 CBC.

B. STATIONARY STORAGE BATTERY SYSTEMS HAVING AN ELECTROLYTE CAPACITY OF LESS THAN 50 GALLONS (189 L) FOR FLOODED LEAD-ACID, NICKEL CADMIUM (Ni-Cd) AND VALVE-REGULATED LEAD-ACID (VRLA), OR 1,000 POUNDS (454 kg) FOR LITHIUM-ION AND LITHIUM METAL POLYMER, USED FOR FACILITY STANDBY POWER, EMERGENCY POWER OR UNINTERRUPTED POWER SUPPLIES, ARE NOT REQUIRED TO COMPLY TO THE CONDITIONS OUTLINED UNDER BATTERY REQUIREMENTS TABLE 608.1 2010 CFC CHAPTER 6 - BUILDING SERVICES & SYSTEMS SECTION 608 STATIONARY STORAGE BATTERY SYSTEMS.

C. GC SHALL COMPLY WITH 2010 CFC STATIONARY STORAGE BATTERY SYSTEM SPECIFIC CHAPTER 27 REQUIREMENTS INCLUDING SPILL CONTAINMENT OR MEANS TO RENDER A SPILL HARMLESS TO PEOPLE OR PROPERTY SHALL BE PROVIDED WITH IMPLEMENTATION OF APPROVED SPILL CONTAINMENT SHELVES WITHIN EACH CABINET BATTERY STRING TRAY SYSTEM OR EQUAL SYSTEM.

D. GC SHALL COMPLY WITH 2010 CFC STATIONARY STORAGE BATTERY SYSTEM SPECIFIC CHAPTER 27 REQUIREMENTS INCLUDING SAFEGUARDS BEING PROVIDED TO MINIMIZE THE RISK OF AND LIMIT DAMAGE FROM A FIRE OR EXPLOSION INVOLVING HAZARDOUS MATERIALS WITH BATTERY SYSTEMS BEING SECURED WITHIN VENTILATED PROTECTIVE STEEL CABINETS WITH FIRMLY SECURED LOCKING ACCESS DOORS.

E. GC SHALL COMPLY WITH 2010 CFC STATIONARY STORAGE BATTERY SYSTEM SPECIFIC CHAPTER 27 REQUIREMENTS INCLUDING HAZARDOUS MATERIALS WARNING SIGNS REQUIRED FOR LEAD-ACID BATTERY SYSTEMS WITH QUANTITIES OF ELECTROLYTE EXCEEDING THE MINIMUM PERMIT AMOUNT OF 10 GALLONS INCLUDING ELECTROLYTE PERCENTAGE OF OVER 12% OF SULFURIC ACID WITH SIGNAGE PER CFC 608.7.1 & 2703.5 (SEE FIRE DEPARTMENT NOTES).

F. GC SHALL COMPLY WITH 2010 CFC STATIONARY STORAGE BATTERY SYSTEM SPECIFIC CHAPTER 27 REQUIREMENTS INCLUDING ELECTRICAL WIRING AND EQUIPMENT BEING INSTALLED AND MAINTAINED IN ACCORDANCE WITH THE CALIFORNIA ELECTRIC CODE PER CFC 2703.9.4.

THE Design Review Board DESIGN REVIEW BOARD:

☐ RECOMMENDS DENIAL OF SITE PLAN

☒ RECOMMENDS APPROVAL OF SITE PLAN

☐ RECOMMENDS APPROVAL WITH CONDITIONS AS NOTED ON DRAWINGS

Chair

Date

NOT USED 3

WARNING

THIS FACILITY CONTAINS
CORROSIVE LIQUID
TOXIC LIQUID
CLASS 1 WATER REACTIVE LIQUID

DANGER



HAZARDOUS
MATERIAL
STORAGE
AREA

BATTERY INFO & FIRE DEPT NOTES 5



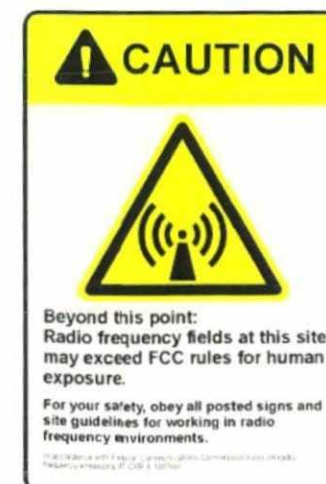
REQUIRED NFPA SIGNAGE

IN CASE OF
EMERGENCY
CALL
NOC #1-866-400-6040
SITE NUMBER: SD34XC574
SITE NAME: ALPINE VFW
POST

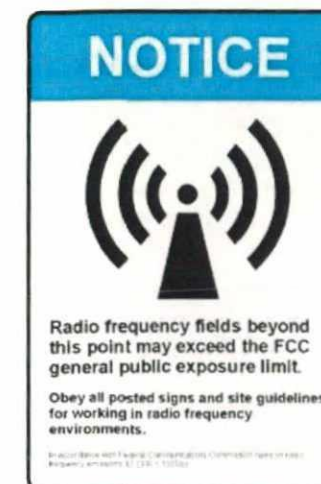
EMERGENCY CONTACT SIGNAGE

SITE IDENTIFICATION SIGNAGE 4

HAZARDOUS MATERIAL SIGNAGE 2



Beyond this point:
Radio frequency fields at this site
may exceed FCC rules for human
exposure.
For your safety, obey all posted signs and
site guidelines for working in radio
frequency environments.



Radio frequency fields beyond
this point may exceed the FCC
general public exposure limit.
Obey all posted signs and site guidelines
for working in radio frequency
environments.



Beyond this point:
Radio frequency fields at this site
exceed the FCC rules for human
exposure.
Failure to obey all posted signs and site
guidelines for working in radio frequency
environments could result in serious injury.

RF SIGNAGE 1

Sprint

Alcatel-Lucent

PTS
PACIFIC TELECOM SERVICES, LLC
5199C AIRPORT LOOP DRIVE
COSTA MESA, CA 92626
PHONE: (714) 230-5714

PROJECT INFORMATION:

NETWORK VISION MMBS LAUNCH

ALPINE VFW POST (10B)

SD34XC574

844 TAVERN RD.
ALPINE, CA 91901
SAN DIEGO COUNTY

ISSUE DATE:

09/27/12

ISSUED FOR:

100% CONSTRUCTION

REVISIONS

REV.	DATE	DESCRIPTION	INITIALS
A	04/03/12	ISSUED FOR 90% CD REVIEW	CD
B	07/16/12	ISSUED FOR FINAL 90% CD REVIEW	RLD
C	09/27/12	ISSUED FOR 100% CONSTRUCTION	RLD

NOT FOR CONSTRUCTION UNLESS
LABELED AS CONSTRUCTION SET

LICENSE:



SHEET TITLE:

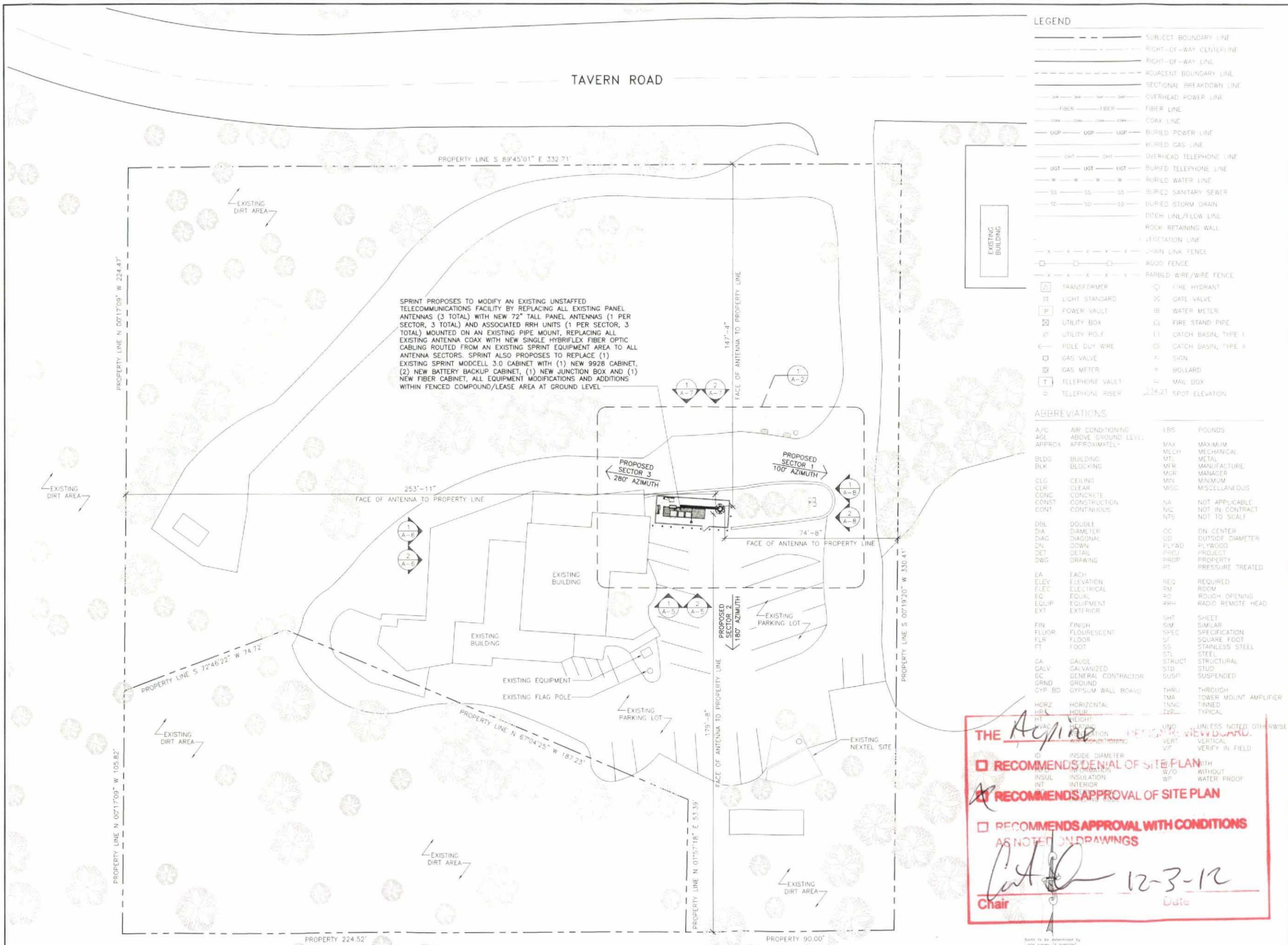
SIGNAGE AND NOTES

SHEET NUMBER:

G-2

REVISION:

0



Sprint

Alcatel-Lucent

PTS
PACIFIC TELECOM SERVICES, LLC
3199C AIRPORT LOOP, DRIVE
COSTA MESA, CA 92626
PHONE: (714) 230-5714

PROJECT INFORMATION

NETWORK VISION MMBS LAUNCH

ALPINE VFW POST (10B)

SD34XC574

844 TAVERN RD.
ALPINE, CA 91901
SAN DIEGO COUNTY

ISSUE DATE:

09/27/12

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REVISIONS

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NOT FOR CONSTRUCTION UNLESS
LABELED AS CONSTRUCTION SET

LICENSURE:



SHEET TITLE:

SITE PLAN

SHEET NUMBER:

REVISION:

A-1

0

SITE PLAN | 1

24"x36" SCALE: 1" = 20'-0"
11"x17" SCALE: 1" = 40'-0"

THE INFORMATION CONTAINED IN THIS SET OF CONSTRUCTION DOCUMENTS IS PROPRIETARY BY NATURE. ANY USE OR DISCLOSURE OTHER THAN THAT WHICH RELATES TO CARRIER SERVICES IS STRICTLY PROHIBITED.



PROJECT INFORMATION:

NETWORK VISION MMBS LAUNCH

ALPINE VFW POST (10B)

SD34XC574

844 TAVERN RD.
ALPINE, CA 91901
SAN DIEGO COUNTY

ISSUE DATE:

09/27/12

ISSUED FOR:

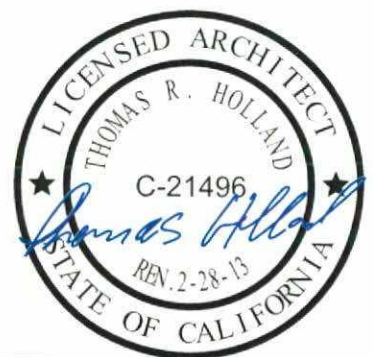
100% CONSTRUCTION

REVISIONS

REV.	DATE	DESCRIPTION	INITIALS
A	04/03/12	ISSUED FOR 90% CD REVIEW	CD
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D	09/27/12	ISSUED FOR 100% CONSTRUCTION	RLD

NOT FOR CONSTRUCTION UNLESS
LABELED AS CONSTRUCTION SET

LICENSURE:



SHEET TITLE:

EXISTING ENLARGED EQUIPMENT
& ANTENNA PLAN

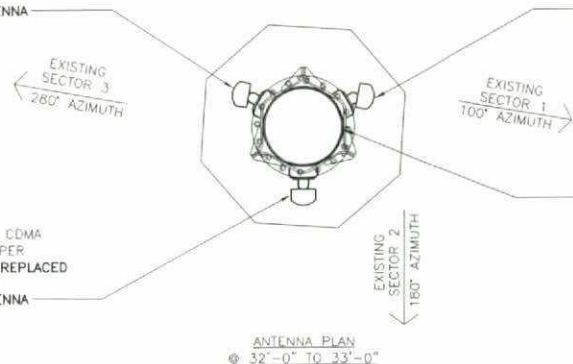
SHEET NUMBER:

A-3

REVISION:

0

EXISTING SPRINT 72" TALL CDMA
DUAL POLE ANTENNAS (1 PER
SECTOR, 3 TOTAL) TO BE REPLACED
WITH PROPOSED SPRINT
800/1900MHz PANEL ANTENNA



EXISTING SPRINT 48" TALL CDMA DUAL
POLE ANTENNAS (1 PER SECTOR, 3 TOTAL)
TO BE REPLACED WITH PROPOSED SPRINT
800/1900MHz PANEL ANTENNA

EXISTING 35'-0" HIGH LIGHT POLE

EXISTING SPRINT 72" TALL CDMA
DUAL POLE ANTENNAS (1 PER
SECTOR, 3 TOTAL) TO BE REPLACED
WITH PROPOSED SPRINT
800/1900MHz PANEL ANTENNA

THE *Alpine* DESIGN REVIEW BOARD:

☐ RECOMMENDS DENIAL OF SITE PLAN

☒ RECOMMENDS APPROVAL OF SITE PLAN

☐ RECOMMENDS APPROVAL WITH CONDITIONS
AS NOTED ON DRAWINGS

Chair

Date

12-3-12

24"x36" SCALE: 1/2" = 1'-0"
11"x17" SCALE: 1/4" = 1'-0"

EXISTING ENLARGED ANTENNA PLAN 2

EXISTING SPRINT
GPS ANTENNA

EXISTING SPRINT
PPC CABINET

EXISTING SPRINT
TELCO CABINET

EXISTING 6" RAISED
CONCRETE PAD

EXISTING SPRINT
CABLE LADDER FRAME

EXISTING SPRINT
MODELL 4.0 CABINET

EXISTING SPRINT POWER
PLANT CABINET

EXISTING 6" BOLLARDS, TYP.

EXISTING EQUIPMENT LIGHTING

EXISTING SPRINT
MODELL 4.0 CABINET

EXISTING SPRINT
POWER
PLANT CABINET

EXISTING COAX

EXISTING SPRINT CABLE TRAY

EXISTING 35'-0" HIGH LIGHT POLE

EXISTING 6'-0" HIGH WOOD FENCE

EXISTING 3'-0" WIDE WOOD GATE

24"x36" SCALE: 1/2" = 1'-0"
11"x17" SCALE: 1/4" = 1'-0"

EXISTING ENLARGED EQUIPMENT PLAN 1

NOTES TO CONTRACTOR:

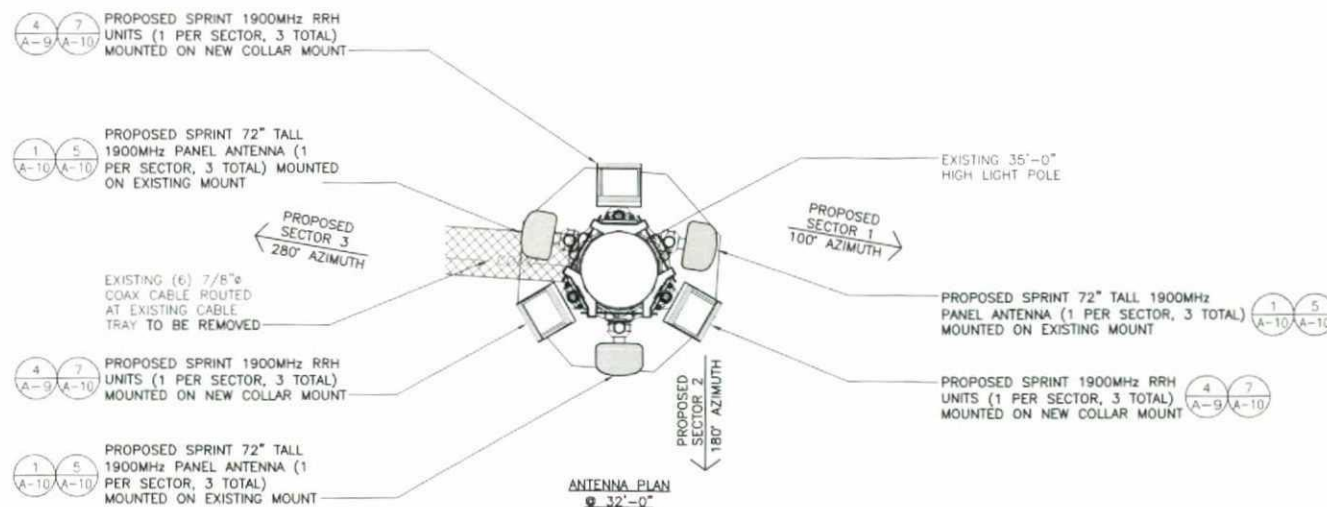
1. REMOVE ALL EXISTING SPRINT COAX AND ANTENNAS FROM SITE.
2. ANTENNAS AND HARDWARE TO BE PAINTED TO MATCH EXISTING.
3. ANTENNA CLEARANCE AND MOUNTING TO BE FIELD VERIFIED PRIOR TO CONSTRUCTION WITH FINAL ANTENNA SPECIFICATIONS, MOUNTING HARDWARE, AND RF DESIGN. ANTENNA PIPE MOUNT MODIFICATION MAY BE REQUIRED.

THE *Alpine* DESIGN REVIEW BOARD:

- ☐ RECOMMENDS DENIAL OF SITE PLAN
- ☒ RECOMMENDS APPROVAL OF SITE PLAN
- ☐ RECOMMENDS APPROVAL WITH CONDITIONS AS NOTED ON DRAWINGS

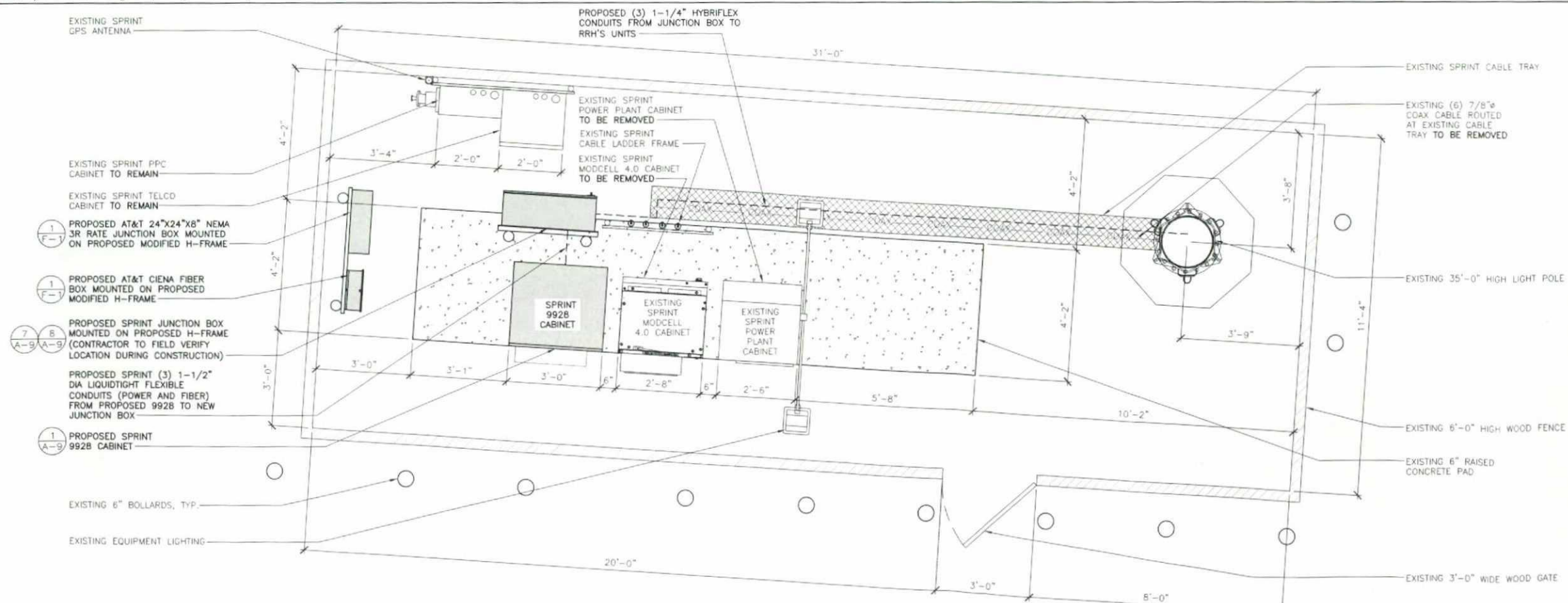
Chair

12-3-17
Date



24"x36" SCALE: 1/2" = 1'-0"
11"x17" SCALE: 1/4" = 1'-0"

ENLARGED ANTENNA PLAN (DURING) 2



24"x36" SCALE: 1/2" = 1'-0"
11"x17" SCALE: 1/4" = 1'-0"

ENLARGED EQUIPMENT PLAN (DURING) 1

Sprint

Alcatel-Lucent

PTS
PACIFIC TELECOM SERVICES, LLC
3190C AIRPORT LOOP DRIVE
COSTA MESA, CA 92626
PHONE: (714) 230-5714

PROJECT INFORMATION

NETWORK VISION MMIBS LAUNCH

ALPINE VFW POST (10B)

SD34XC574

844 TAVERN RD.
ALPINE, CA 91901
SAN DIEGO COUNTY

ISSUE DATE:

09/27/12

ISSUED FOR:

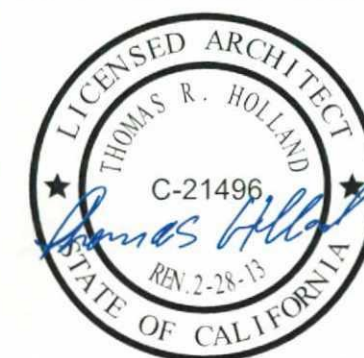
100% CONSTRUCTION

REVISIONS

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A	04/03/12	ISSUED FOR 90% CD REVIEW	CD
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O	09/27/12	ISSUED FOR 100% CONSTRUCTION	RLD

NOT FOR CONSTRUCTION UNLESS
LABELED AS CONSTRUCTION SET

LICENSURE:



SHEET TITLE:

ENLARGED EQUIPMENT &
ANTENNA PLAN (DURING)

SHEET NUMBER:

REVISION:

A-3A

0

3. ANTENNA CLEARANCE AND MOUNTING TO BE FIELD VERIFIED PRIOR TO CONSTRUCTION WITH FINAL ANTENNA SPECIFICATIONS, MOUNTING HARDWARE, AND RF DESIGN. ANTENNA PIPE MOUNT MODIFICATION MAY BE REQUIRED.

CONTRACT FOR 10 SATELLITE SITES SHIRT FOR BUILD														
SECTOR	1	AZIMUTH	RADCENTER	NUMBER OF ANTENNAS	VENDOR	MODEL	EFFECTIVE TILT	MECH. TILT	RET	RRH	COMBINER	FIBER OPTIC	FIBER LENGTH	COAX LENGTH
1900MHz	100°	32°-0°	1	RFS	APXVSP18-C-A20	-6	0	-6	(1) 1900MHz	-	(1) 1-1/4" HYBRIFLEX HB114-1-08U4-MSF	60'-0"	-	
SECTOR	2	AZIMUTH	RADCENTER	NUMBER OF ANTENNAS	VENDOR	MODEL	EFFECTIVE TILT	MECH. TILT	RET	RRH	FIBER OPTIC	FIBER LENGTH	COAX LENGTH	
1900MHz	180°	32°-0°	1	RFS	APXVSP18-C-A20	0	0	0	(1) 1900MHz	-	(1) 1-1/4" HYBRIFLEX HB114-1-08U4-MSF	60'-0"	-	
SECTOR	3	AZIMUTH	RADCENTER	NUMBER OF ANTENNAS	VENDOR	MODEL	EFFECTIVE TILT	MECH. TILT	RET	RRH	FIBER OPTIC	FIBER LENGTH	COAX LENGTH	
1900MHz	280°	32°-0°	1	RFS	APXVSP18-C-A20	-2	0	-2	(1) 1900MHz	-	(1) 1-1/4" HYBRIFLEX HB114-1-08U4-MSF	60'-0"	-	

THE Argine DESIGN REVIEW BOARD:

☐ RECOMMENDS DENIAL OF SITE PLAN

☒ RECOMMENDS APPROVAL OF SITE PLAN

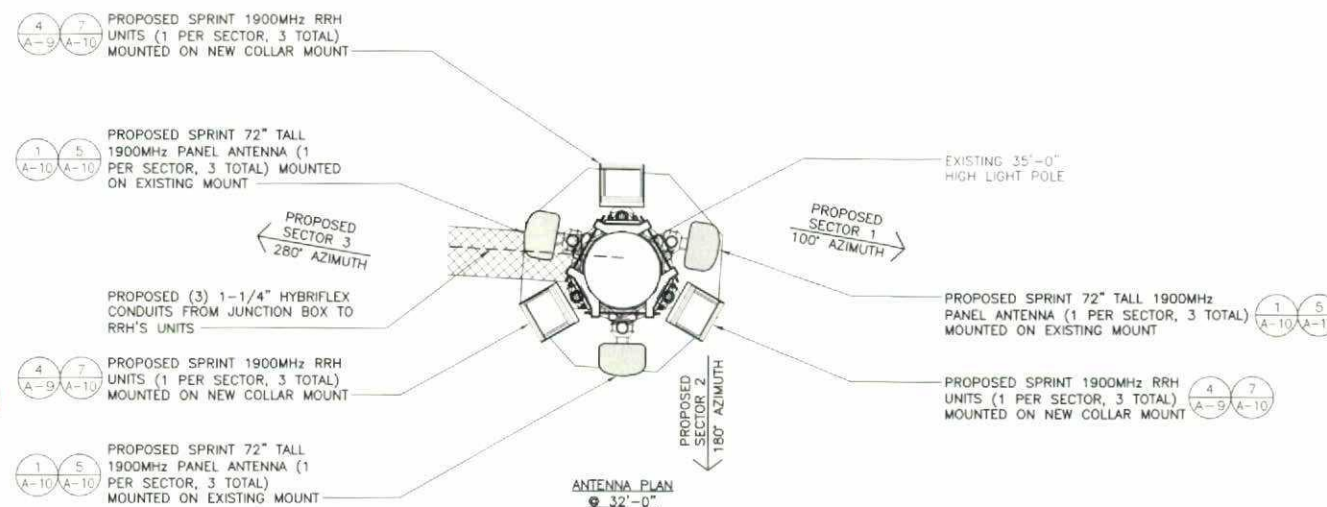
☒ RECOMMENDS APPROVAL WITH CONDITIONS

☐ RECOMMENDS APPROVAL WITH CONDITIONS AS NOTED ON DRAWINGS

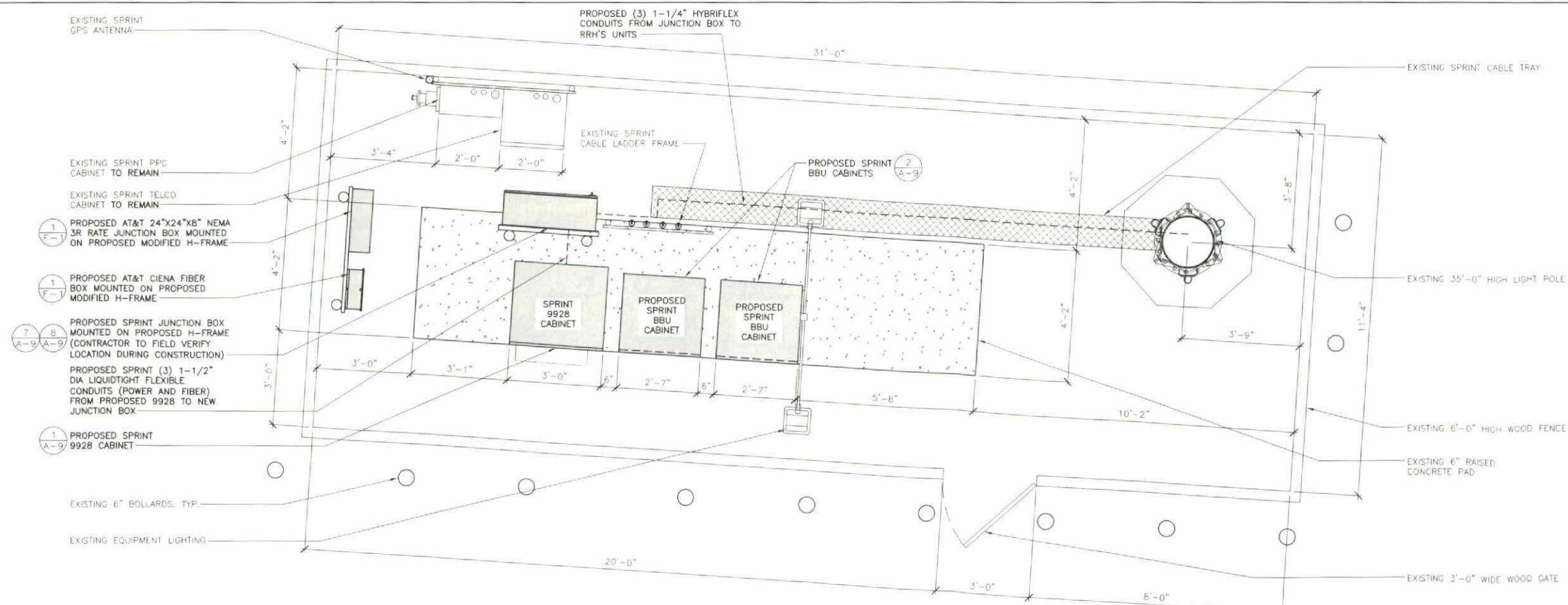
Argine

12-3-17

Chair Date



24"x36" SCALE: 1/2" = 1'-0"
11"x17" SCALE: 1/4" = 1'-0"



24" x 36" SCALE: 1/2" = 1'-0"
11" x 17" SCALE: 1/4" = 1'-0"

PROPOSED ENLARGED ANTENNA PLAN 2

PROPOSED ENLARGED EQUIPMENT PLAN



3199C AIRPORT LOOP DR
COSTA MESA, CA 92626
PHONE: (714) 230-5711

NETWORK VISION MMBIS LAUNCH II

ALPINE VFW POST (10B)

SD34XC574

844 TAVERN RD.
ALPINE, CA 91901
SAN DIEGO COUNTY

ISSUE DATE:

09/27/12

ISSUED FOR:

100% CONSTRUCTION

REVISIONS			
REV	DATE	DESCRIPTION	INITIALS
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B	07/16/12	ISSUED FOR FINAL 90% CD REVIEW	RLD
C	09/27/12	ISSUED FOR 100% CONSTRUCTION	RLD

NOT FOR CONSTRUCTION UNLESS
LABELED AS CONSTRUCTION SET

LICENSURE



SHEET TITLE:

PROPOSED ENLARGED EQUIPMENT
& ANTENNA PLAN

SHEET NUMBER

REVISION:

A-4

NOTES TO CONTRACTOR:

1. REMOVE ALL EXISTING SPRINT COAX AND ANTENNAS FROM SITE.
2. ANTENNAS AND HARDWARE TO BE PAINTED TO MATCH EXISTING.
3. ANTENNA CLEARANCE AND MOUNTING TO BE FIELD VERIFIED PRIOR TO CONSTRUCTION WITH FINAL ANTENNA SPECIFICATIONS, MOUNTING HARDWARE, AND RF DESIGN. ANTENNA PIPE MOUNT MODIFICATION MAY BE REQUIRED.

EXISTING FLAG POLE

EXISTING BUILDING

EXISTING PBMS EQUIPMENT

RAD CENTER OF PROPOSED SPRINT ANTENNAS
32'-0" A.G.L. (SECTOR "2" @ 180°) (SECTOR "3" @ 280°)

PROPOSED SPRINT 72" TALL 1900MHz
PANEL ANTENNA (1 PER SECTOR, 3 TOTAL)
MOUNTED ON EXISTING MOUNT

PROPOSED SPRINT 1900MHz RRH
UNITS (1 PER SECTOR, 3 TOTAL)
MOUNTED ON NEW COLLAR MOUNT

TOP OF PROPOSED SPRINT ANTENNAS AND TOP OF LIGHT POLE
35'-0" A.G.L.

RAD CENTER OF PROPOSED SPRINT ANTENNAS
(SECTOR "1" @ 100°) 32'-0" A.G.L.

PROPOSED SPRINT 72" TALL
1900MHz PANEL ANTENNA (1
PER SECTOR, 3 TOTAL) MOUNTED
ON EXISTING MOUNT

EXISTING 35'-0" HIGH LIGHT POLE

EXISTING (3) YARD LIGHTS
FOR PARKING LOT

TOP OF EXISTING LIGHT
15'-0" A.G.L.

EXISTING 3'-0" WIDE WOOD GATE

EXISTING 6'-0" HIGH
WOOD FENCE

EXISTING EQUIPMENT
LIGHTING

EXISTING SPRINT
GPS ANTENNA

EXISTING 6" BOLLARDS, TYP.

GRADE
0'-0" A.G.L.

24"x36" SCALE: 1/4" = 1'-0"
11"x17" SCALE: 1/8" = 1'-0"



PROPOSED SOUTH ELEVATION 2



24"x36" SCALE: 1/4" = 1'-0"
11"x17" SCALE: 1/8" = 1'-0"



NOT USED 1

Sprint

Alcatel-Lucent

PTS
PACIFIC TELECOM SERVICES, LLC
3199C AIRPORT LOOP DRIVE
COSTA MESA, CA 92626
PHONE: (714) 250-5714

PROJECT INFORMATION:

NETWORK VISION MWBT'S LAUNCH

ALPINE VFW POST (10B)

SD34XC574

844 TAVERN RD.
ALPINE, CA 91901
SAN DIEGO COUNTY

ISSUE DATE:

09/27/12

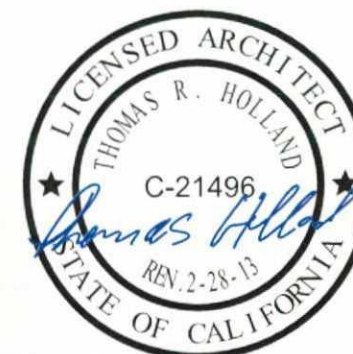
ISSUED FOR:

100% CONSTRUCTION

REVISIONS				
REV.	DATE	DESCRIPTION	INITIALS	
A	04/03/12	ISSUED FOR 90% CD REVIEW	CD	
B	07/16/12	ISSUED FOR FINAL 90% CD REVIEW	RLD	
D	09/27/12	ISSUED FOR 100% CONSTRUCTION	RLD	

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LABELED AS CONSTRUCTION SET

ENCLOSURE:



SHEET TITLE:

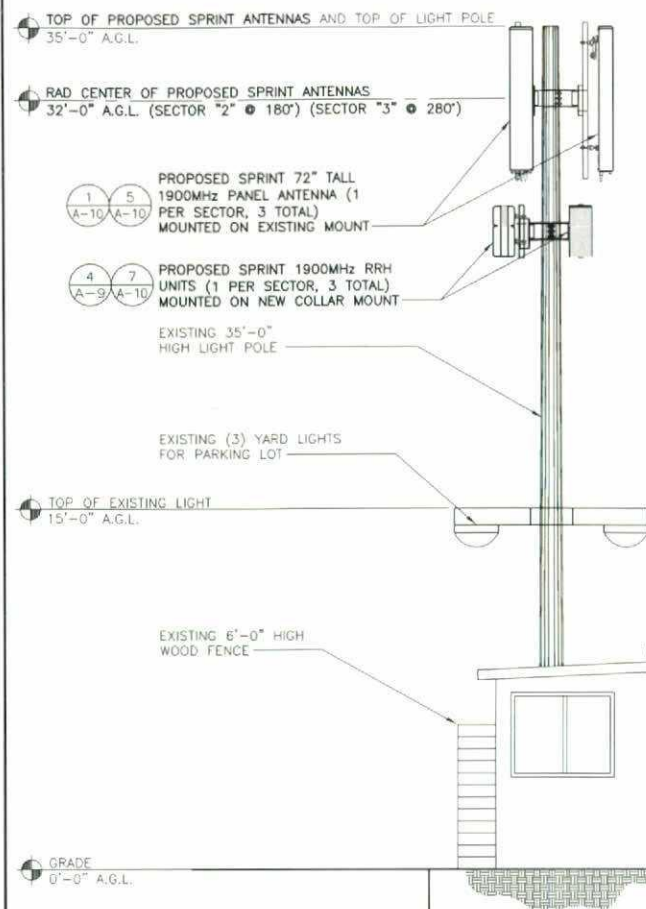
PROPOSED SOUTH ELEVATION

SHEET NUMBER:

A-5

REVISION:

0



24"x36" SCALE: 1/4" = 1'-0"
11"x17" SCALE: 1/8" = 1'-0"

- NOTES TO CONTRACTOR:**
1. REMOVE ALL EXISTING SPRINT COAX AND ANTENNAS FROM SITE.
 2. ANTENNAS AND HARDWARE TO BE PAINTED TO MATCH EXISTING.
 3. ANTENNA CLEARANCE AND MOUNTING TO BE FIELD VERIFIED PRIOR TO CONSTRUCTION WITH FINAL ANTENNA SPECIFICATIONS, MOUNTING HARDWARE, AND RF DESIGN. ANTENNA PIPE MOUNT MODIFICATION MAY BE REQUIRED.

EXISTING BUILDING

EXISTING FLAG POLE

EXISTING PBMS EQUIPMENT

PROPOSED WEST ELEVATION 2

THE *Alpine* DESIGN REVIEW BOARD:

☐ RECOMMENDS DENIAL OF SITE PLAN

☒ RECOMMENDS APPROVAL OF SITE PLAN

☐ RECOMMENDS APPROVAL WITH CONDITIONS AS NOTED ON CORRECTIONS

Chair 12-3-12

Sprint

Alcatel-Lucent

PTS
PACIFIC TELECOM SERVICES, LLC
3190C AIRPORT LOOP DRIVE
COSTA MESA, CA 92626
PHONE: (714) 230-5714

PROJECT INFORMATION:

NETWORK: VISION MMBS LAUNCH
ALPINE VFW POST (10B)
SD34XC574
844 TAVERN RD.
ALPINE, CA 91901
SAN DIEGO COUNTY

ISSUE DATE:

09/27/12

ISSUED FOR:

100% CONSTRUCTION

REVISIONS				
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NOT FOR CONSTRUCTION UNLESS LABELED AS CONSTRUCTION SET

LICENSURE:



SHEET TITLE:

PROPOSED WEST ELEVATION

SHEET NUMBER:

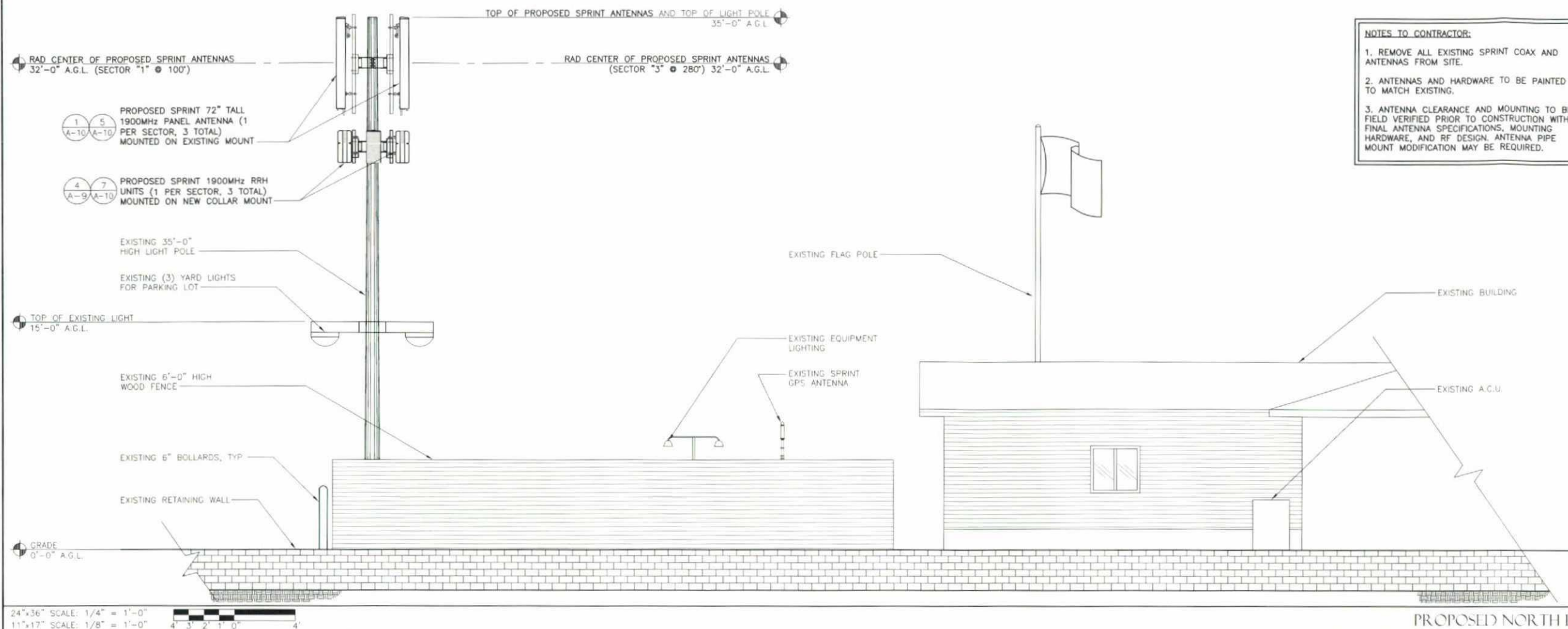
A-6

REVISION:

0

NOT USED 1

24"x36" SCALE: 1/4" = 1'-0"
11"x17" SCALE: 1/8" = 1'-0"



NOTES TO CONTRACTOR:

1. REMOVE ALL EXISTING SPRINT COAX AND ANTENNAS FROM SITE.
2. ANTENNAS AND HARDWARE TO BE PAINTED TO MATCH EXISTING.
3. ANTENNA CLEARANCE AND MOUNTING TO BE FIELD VERIFIED PRIOR TO CONSTRUCTION WITH FINAL ANTENNA SPECIFICATIONS, MOUNTING HARDWARE, AND RF DESIGN. ANTENNA PIPE MOUNT MODIFICATION MAY BE REQUIRED.



PROJECT INFORMATION:

NETWORK VISION MMBS LAUNCH
ALPINE VFW POST (10B)
 SD34XC574
 844 TAVERN RD.
 ALPINE, CA 91901
 SAN DIEGO COUNTY

ISSUE DATE:

09/27/12

ISSUED FOR:

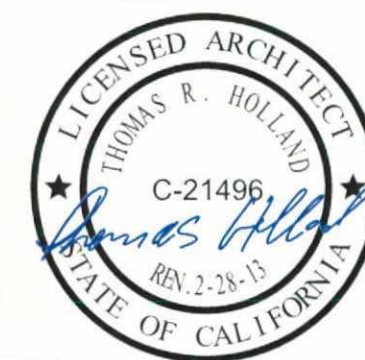
100% CONSTRUCTION

REVISIONS

REV.	DATE	DESCRIPTION	INITIALS
A	04/03/12	ISSUED FOR 90% CD REVIEW	CD
B	07/16/12	ISSUED FOR FINAL 90% CD REVIEW	RLD
C	09/27/12	ISSUED FOR 100% CONSTRUCTION	RLD

NOT FOR CONSTRUCTION UNLESS
 LABELED AS CONSTRUCTION SET

LICENSURE:



SHEET TITLE:

PROPOSED NORTH ELEVATION

SHEET NUMBER:

A-7

REVISION:

0

NOT USED

1

THE Alpine DESIGN REVIEW BOARD:

☐ RECOMMENDS DENIAL OF SITE PLAN

☒ RECOMMENDS APPROVAL OF SITE PLAN

☐ RECOMMENDS APPROVAL WITH CONDITIONS
 AS NOTED ON DRAWINGS

[Signature]

12-3-12
 Date

24"x36" SCALE: 1/4" = 1'-0"
 11"x17" SCALE: 1/8" = 1'-0"





PROJECT INFORMATION:

NETWORK VISION AMBIS LAUNCH
ALPINE VFW POST (10B)
SD34XC574
844 TAVERN RD.
ALPINE, CA 91901
SAN DIEGO COUNTY

ISSUE DATE:

09/27/12

ISSUED FOR:

100% CONSTRUCTION

REVISIONS

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NOT FOR CONSTRUCTION UNLESS
LABELED AS CONSTRUCTION SET

LICENSURE:



SHEET TITLE:

PROPOSED EAST ELEVATION

SHEET NUMBER:

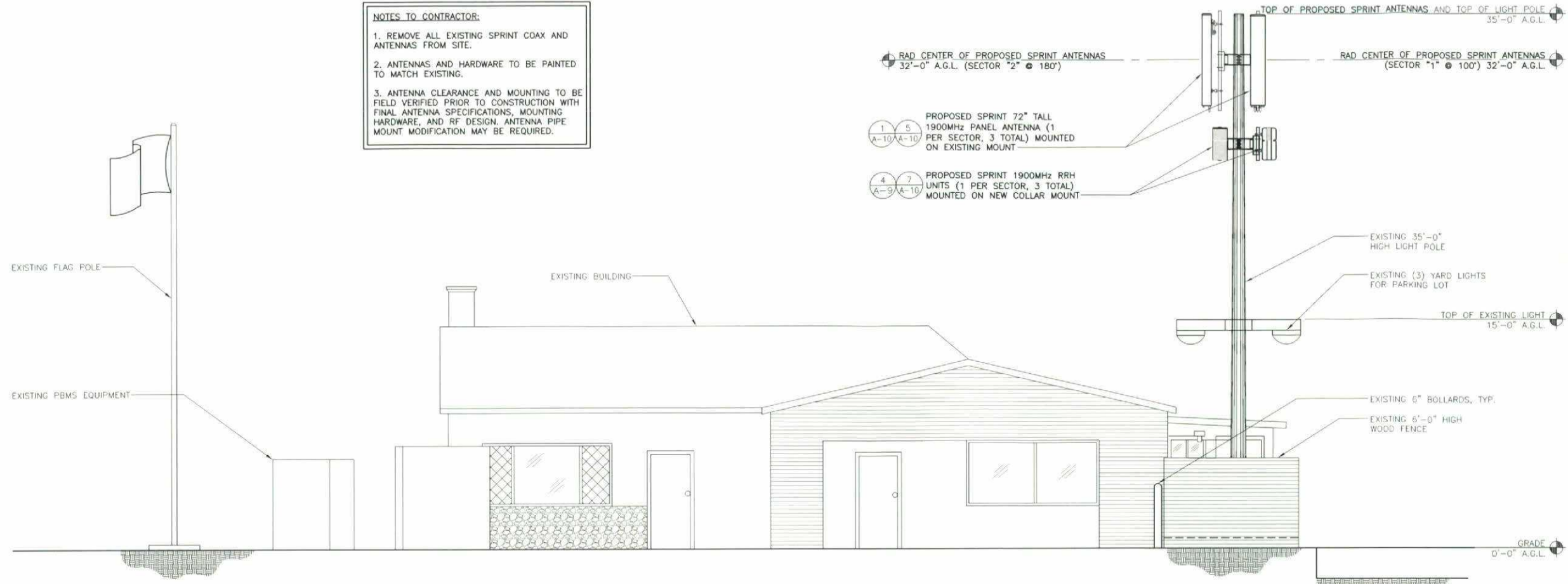
A-8

REVISION:

0

NOTES TO CONTRACTOR:

1. REMOVE ALL EXISTING SPRINT COAX AND ANTENNAS FROM SITE.
2. ANTENNAS AND HARDWARE TO BE PAINTED TO MATCH EXISTING.
3. ANTENNA CLEARANCE AND MOUNTING TO BE FIELD VERIFIED PRIOR TO CONSTRUCTION WITH FINAL ANTENNA SPECIFICATIONS, MOUNTING HARDWARE, AND RF DESIGN. ANTENNA PIPE MOUNT MODIFICATION MAY BE REQUIRED.



24"x36" SCALE: 1/4" = 1'-0"
11"x17" SCALE: 1/8" = 1'-0"



PROPOSED EAST ELEVATION 2

THE Alpino DESIGN REVIEW BOARD:

☐ RECOMMENDS DENIAL OF SITE PLAN

☒ RECOMMENDS APPROVAL OF SITE PLAN

☐ RECOMMENDS APPROVAL WITH CONDITIONS
AS NOTED ON DRAWINGS

Undir

12-3-12

24"x36" SCALE: 1/4" = 1'-0"
11"x17" SCALE: 1/8" = 1'-0"



NOT USED 1

Sprint

Alcatel-Lucent

PTS
PACIFIC TELECOM SERVICES, LLC
3199C AIRPORT LOOP DRIVE
COSTA MESA, CA 92626
PHONE: (714) 230-5714

PROJECT INFORMATION:

NETWORK VISION MMRIS LAUNCH II
ALPINE VFW POST (10B)
SD34XC574
844 TAVERN RD.
ALPINE, CA 91901
SAN DIEGO COUNTY

ISSUE DATE:

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D	09/27/12	ISSUED FOR 100% CONSTRUCTION	RLD

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LABELED AS CONSTRUCTION SET

LICENSURE:



SHEET TITLE:

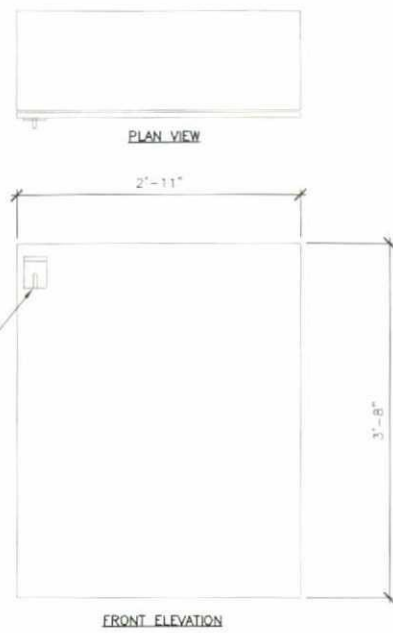
EQUIPMENT DETAILS

SHEET NUMBER:

REVISION:

A-9

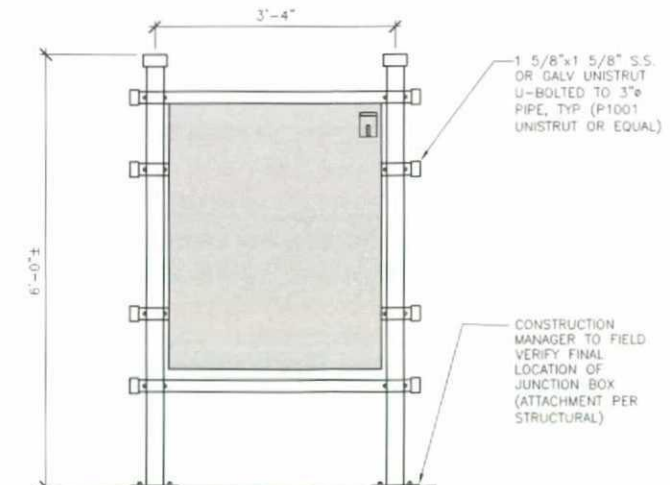
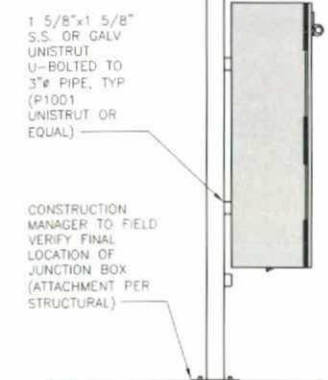
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JUNCTION BOX DETAIL

24"x36" SCALE: 1"=1'-0"
11"x17" SCALE: 1/2"=1'-0"

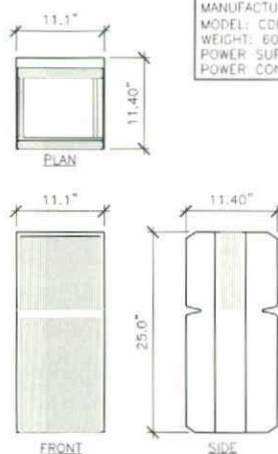
8



JUNCTION BOX MOUNTING DETAIL

24"x36" SCALE: 3/4"=1'-0"
11"x17" SCALE: 3/8"=1'-0"

8



1900MHz RRH SPECIFICATION

24"x36" SCALE: 1"=1'-0"
11"x17" SCALE: 1/2"=1'-0"

4

THE *Alpine* DESIGN REVIEW BOARD:
☐ RECOMMENDS DENIAL OF SITE PLAN
☒ RECOMMENDS APPROVAL OF SITE PLAN
☐ RECOMMENDS APPROVAL WITH CONDITIONS AS NOTED ON DRAWINGS
Chair 12-3-12
Date

NOT USED

24"x36" SCALE: NOT TO SCALE
11"x17" SCALE: NOT TO SCALE

3

NOT USED

24"x36" SCALE: NOT TO SCALE
11"x17" SCALE: NOT TO SCALE

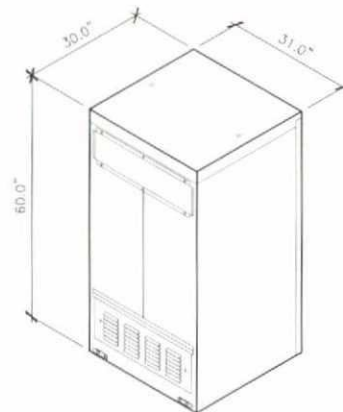
6

NOT USED

24"x36" SCALE: NOT TO SCALE
11"x17" SCALE: NOT TO SCALE

5

MANUFACTURER: ANDREW (COMMSCOPE)
MODEL: 60ECv2
CABINET DIMENSIONS:
HEIGHT: 60 in. (152.4 cm)
WIDTH: 31 in. (78.7 cm)
DEPTH: 30 in. (76.2 cm)
CABINET OPERATING TEMPERATURE RANGE:
-40°C TO 46°C



REAR



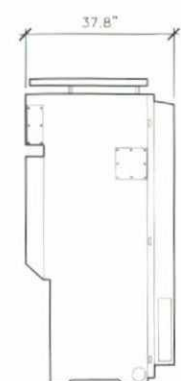
FRONT

BATTERY BACK-UP CABINET

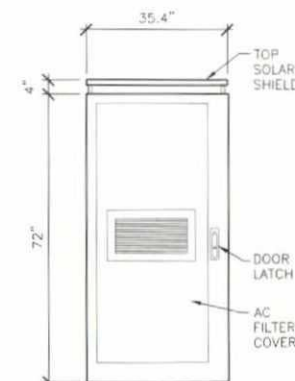
24"x36" SCALE: NOT TO SCALE
11"x17" SCALE: NOT TO SCALE

2

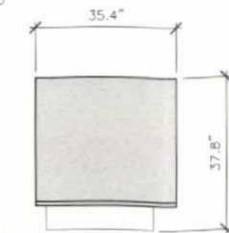
MANUFACTURER: ALCATEL-LUCENT
MODEL # 9928 BTS OUTDOOR
MAIN CABINET DIMENSIONS:
HEIGHT: 72"
WIDTH: 35.4"
DEPTH: 37.8"
WEIGHT:
HALF LOADED: 1033 LBS
FULLY LOADED: 1162 LBS



SIDE VIEW



FRONT VIEW



TOP VIEW

9928 CABINET

24"x36" SCALE: NOT TO SCALE
11"x17" SCALE: NOT TO SCALE

1



PROJECT INFORMATION:

NETWORK VISION MMBS LAUNCH

ALPINE VFW POST (10B)

SD34XC574

844 TAVERN RD.
ALPINE, CA 91901
SAN DIEGO COUNTY

ISSUE DATE:

09/27/12

ISSUED FOR:

100% CONSTRUCTION

REVISIONS

REV.	DATE	DESCRIPTION	INITIALS
A	04/03/12	ISSUED FOR 90% CD REVIEW	CD
B	07/16/12	ISSUED FOR FINAL 90% CD REVIEW	RLD
C	09/27/12	ISSUED FOR 100% CONSTRUCTION	RLD

NOT FOR CONSTRUCTION UNLESS
LABELED AS CONSTRUCTION SET

LICENSEE:



SHEET TITLE:

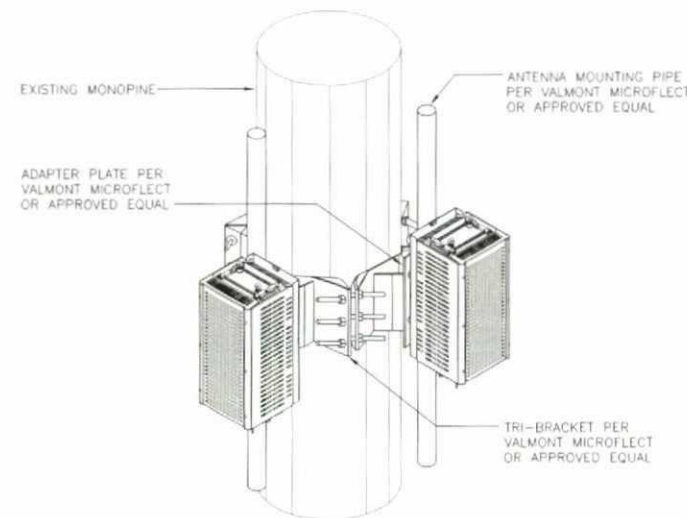
CONSTRUCTION DETAILS

SHEET NUMBER:

REVISION:

A-10

0



COLLAR MOUNTED DETAIL

24"x36" SCALE: NOT TO SCALE
11"x17" SCALE: NOT TO SCALE

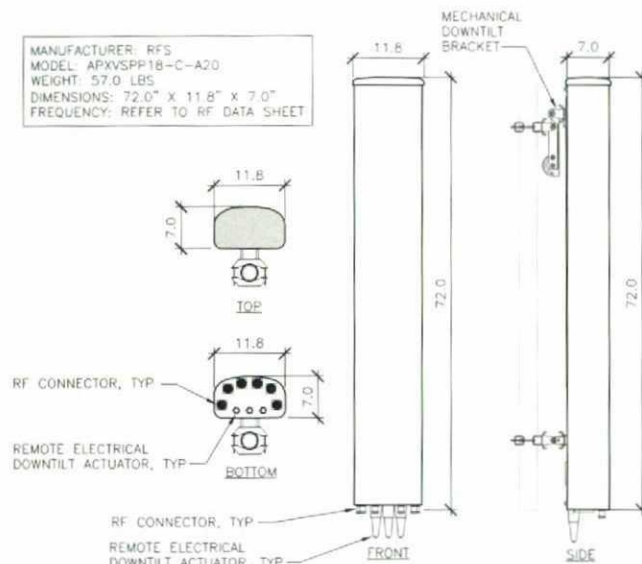
7

NOT USED

24"x36" SCALE: NOT TO SCALE
11"x17" SCALE: NOT TO SCALE

6

MANUFACTURER: RFS
MODEL: APXVSPR18-C-A20
WEIGHT: 57.0 LBS
DIMENSIONS: 72.0" X 11.8" X 7.0"
FREQUENCY: REFER TO RF DATA SHEET



RFS ANTENNA SPECIFICATIONS

24"x36" SCALE: 3/4" = 1'-0"
11"x17" SCALE: 3/8" = 1'-0"

5

NOT USED

24"x36" SCALE: NOT TO SCALE
11"x17" SCALE: NOT TO SCALE

4

NOT USED

24"x36" SCALE: NOT TO SCALE
11"x17" SCALE: NOT TO SCALE

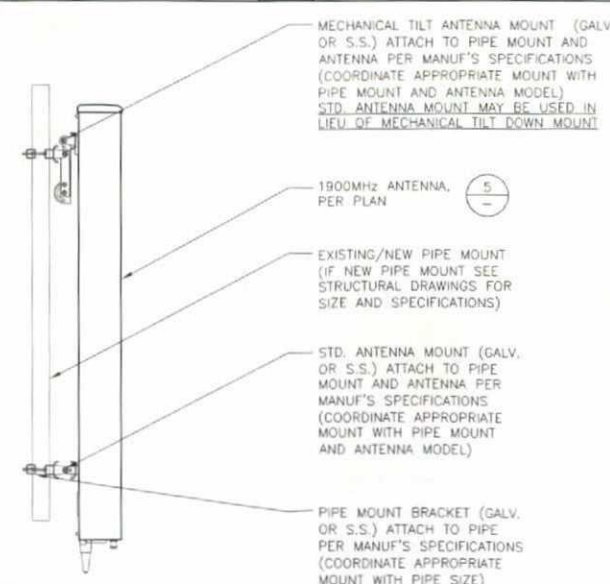
3



NOT USED

24"x36" SCALE: NOT TO SCALE
11"x17" SCALE: NOT TO SCALE

2



ANTENNA MOUNTING DETAIL

24"x36" SCALE: 3/4" = 1'-0"
11"x17" SCALE: 3/8" = 1'-0"

1